

# Stag Com 1

## The software enhancement for Stag PROM Programmers.

The Stag Com 1\* software communication package provides enhanced operation of Stag 'memory device' programmers from an IBM personal computer or equivalent. This high speed software package offers the ultimate alternative to stand-alone operation.

### Optimized for design

A comprehensive menu driven display provides easy to follow instructions and simplifies the most intricate programming operations.

On selecting the desired function the main menu will branch to a more definitive display, which prompts the user through the remaining operations.

Gang modules and gang programmers are further enhanced by full screen graphic representation of their gang/set configurations in 8, 16 or 32 bit modes.

Full screen editing in either hexadecimal or ASCII and the operational familiarity of a personal computer make Stag Com 1 the ideal choice for the design engineer.

### A multitude of functions

An extensive range of programmer operating functions are available:

Device related functions include: load, program, empty test and verify test, setting the gang/set configurations in 8, 16 or 32 bit modes and setting the device/RAM address limits and offset.

RAM related functions include: full screen display and edit of RAM data, fill RAM with the programmed or unprogrammed state, load RAM from file and create file from RAM and setting the input/output address limits and offset.

In addition operation error statistics are recorded to provide very useful qualitative analysis of the programmed silicon devices.

All information including the storage of master device(s) data can be down-loaded onto a disc data base and recalled at any time for further use.

### Auto-recall of pre-set parameters

Stag Com 1's automatic recall feature insures operation parameters are memorised on a disc file before power-down, so that the same "system status" can be restored on power-up. These parameters can also be saved under a personalised file name.



Non-volatile parameters include: file name, programmer model, I/O format, device type and manufacturer.

The "system status" can be viewed at any time on the main menu.

It is also possible to "Shell out" of Stag Com leaving the program safely installed in the system memory. This will allow the user to execute any COMMAND.COM supported function. When COMMAND.COM is no longer required the program can be directly re-accessed with all pre-set parameters intact, saving considerable time by negating the need to re-load programs.

### Compatible PROM programmers

PPZ with the Zm2000 Universal PROM Module  
PPZ with the Zm2500 MOS Module  
PPZ with the Zm2800 Gang/Set Module  
PP39 with 39M100 and 39M101 Module for EPROMs and EEPROMs  
PP39 with the 39M200 microprocessor module  
PP41 Gang Programmer with the 41M100, 41M101 and 41M102 modules for EPROMs and EEPROMs plus 41M200 for microprocessors  
PP42 Gang/Set Programmer with the 42M100 and 42M101 modules for EPROMs and EEPROMs plus 41M200 for microprocessors

### System requirements

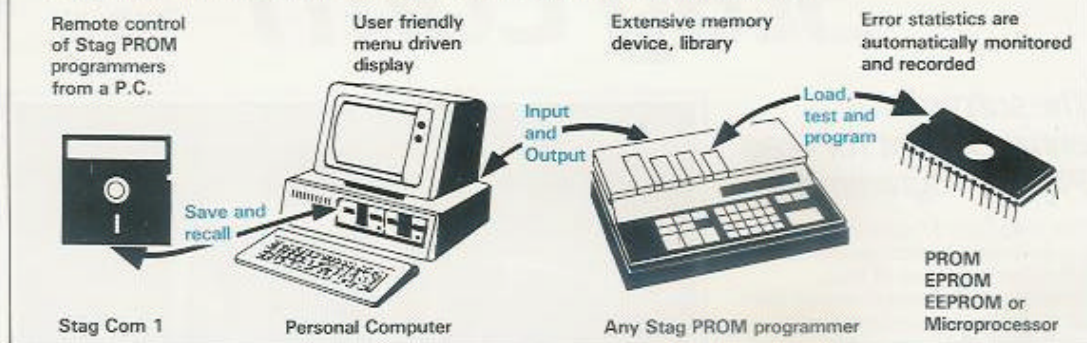
An IBM\* PC or equivalent with a minimum of 256K of RAM.

PC-DOS\* version 2.0 or later (or MS-DOS\* 2).

An RS232C serial port.



## Stag Com 1, the PC software driver for Stag PROM programmers



### Menu driven displays

#### Stag Com 1\* Main Menu

The main menu consists of 17 displayed functions that can be entered from the keyboard plus the current system status. Each function can be accessed by pressing a single key. The main menu will branch to a more definitive display, which prompts the user through the remaining operations.



#### Edit RAM data

This display shows a page of RAM data on an address matrix 16 x 16 bytes with an ASCII translation on the right of the screen. Data can be entered in two ways: either via the hex keys to select new data bytes or by using the full keyboard to directly enter new ASCII characters. Individual addresses can be located by using the cursor keys and more RAM pages can be edited by entering a new start address.



#### Gang-Set configurations

Gang modules and gang programmers are further enhanced by graphic representation of their gang/set configurations in 8, 16 or 32 bit modes. Eight configurations are available that thoroughly cover all gang/set possibilities. From the simplicity of programming up to 8 devices with identical data in the 8-bit mode to the complexity of programming 2 different sets of 4 devices in the 32-bit mode.



### Features:

- Stag Com 1\* provides complete remote control of Stag PROM programmers from a personal computer—providing the ultimate alternative to stand-alone operation.
- User friendly menu-driven display—for ease of use and simplification of the most intricate programmer functions.
- Full screen display and straightforward editing of RAM data contents in both hexadecimal and ASCII—ideal for the design engineer.
- Extensive memory device library—Stag PROM programmers support devices from all leading PROM, EPROM, EEPROM and Microprocessor manufacturers.
- User upgradable device library—assures long product life and low cost of ownership.
- Error statistics are automatically monitored and recorded during any device related operation, e.g. program, verify and empty test—providing the user with a valid and up to date quality analysis.
- Supports all commonly used input/output formats—including MDS and extended formats as well as Binary, Hex ASCII and Stag Hex.
- Facility for Device/RAM and input/output, address limits and offsets to be set—a flexible and accurate workstation function.
- An automatic recall facility reinstates memorised operating parameters on power-up—non volatile parameters include file name, device type and input/output format.

Stag reserves the right to alter the design and specification of its products without prior notice in pursuit of a policy for continuous improvement.



Sophisticated systems for the discerning engineer

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